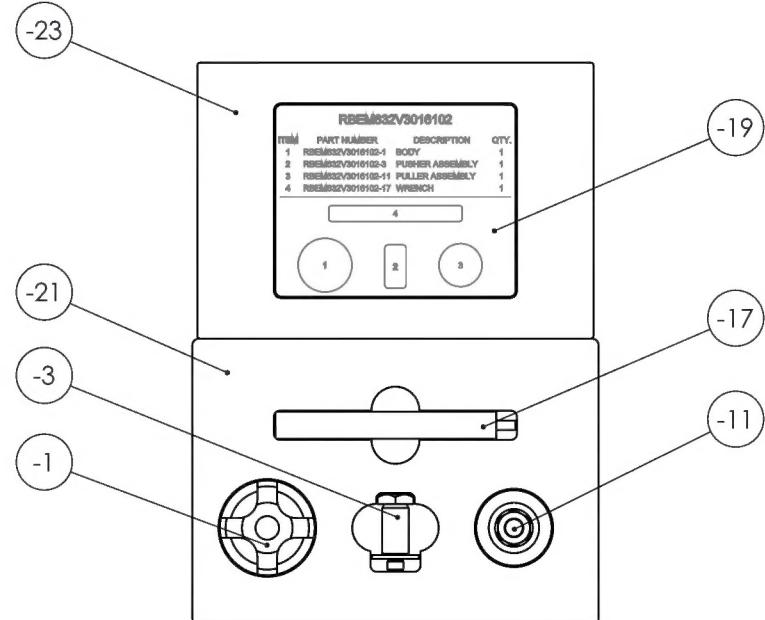


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REV			ECR			DESCRIPTION			DATE			INITIAL			APPROVED		
1			RELEASED FOR PRODUCTION.						5/2/2016			DPD			JAG		



ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BODY	4140/4142		2
X			-3	1	PUSHER ASSEMBLY			3
1			-5		AXLE	4140/4142		4
1			-7		PUSHER PLATE	6061		5
1			-9		SPACER	1018/1020 CR		6
X			-11	1	PULLER ASSEMBLY			7
1			-13		SUPPORT RING	4140/4142		8
1			-15		H SCREW	4140/4142		9
			-17	1	WRENCH	4140/4142		10
			-19	1	PLACARD	PLASTIC		11
		B/O	-21	1	BOTTOM FOAM	Y20 BLACK	3.00 X 5.96 X 8.46 (I.R. SPECIALTY)	12
		B/O	-23	1	TOP FOAM	Y20 BLACK	.75 X 5.75 X 8.25 (I.R. SPECIALTY)	13
1		B/O	-25		SOCKET HEAD CAP SCREW	STEEL	M5 X 0.8mm X 14mm (MCMASTER-CARR #95263A360)	3
1		B/O	-27		WASHER	STEEL	M10 (MCMASTER-CARR #91166A280)	7
1		B/O	-29		HEX NUT	STEEL	M10 X 1.5mm (MCMASTER-CARR #90591A171)	7
		B/O	-31	1	CASE	PLASTIC	PELICAN CASE #APP-1150-E	N/S
		B/O		1	DART PLACARD	ALUMINUM	RB41011	N/S
ASSY -11	ASSY -3							

NOTE:
REF. AIRBUS T/N: M632V3016102.



TITLE
COOLING COMPRESSOR
PULLEY SEAL EXCHANGE

DWG NO. RBEM632V3016102

REV 1

MAT'L UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
XX ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125

1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R

2. DIMENSIONAL LIMITS APPLY

AFTER PLATING

3. INTERPRET DIM AND TOL PER

ASME Y14.5M-2009

OPPS APPR: ANDERSON

QA APPR: LINDSAY

USED ON MODEL

APPROVED: GILBERT

H175

SCALE 1:4 DATE 4/4/2016 SHEET 1 OF 13

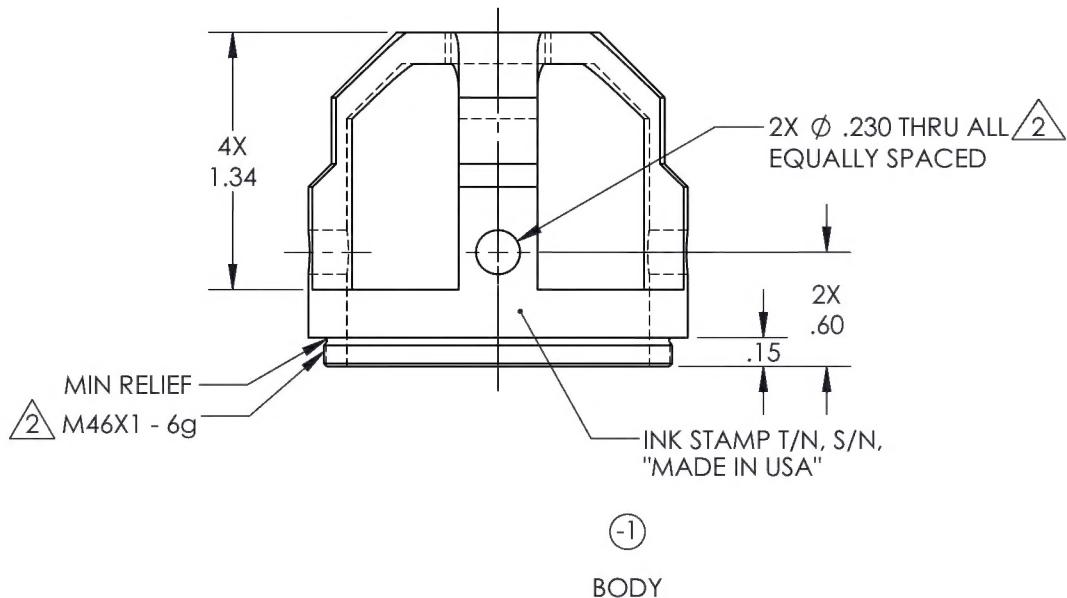
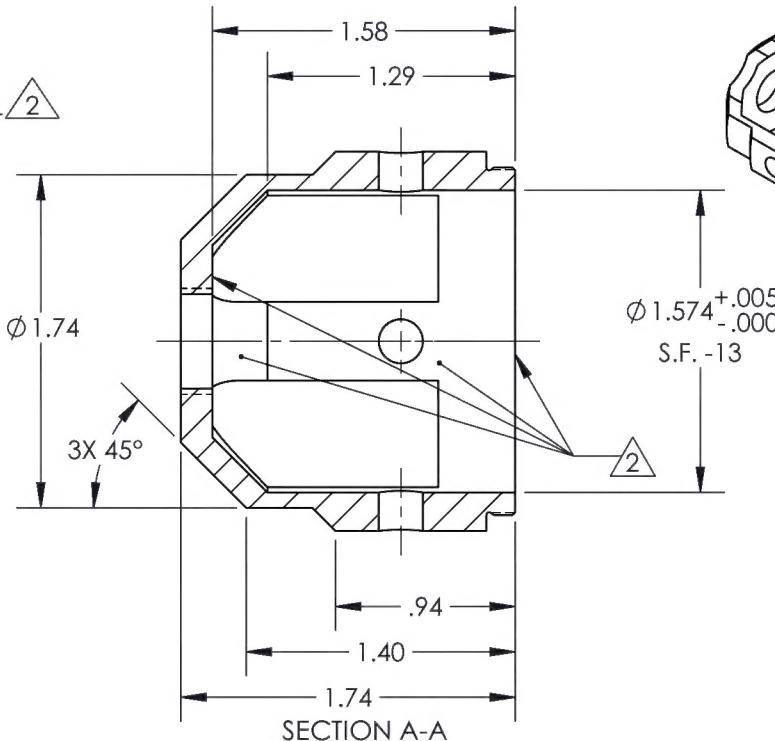
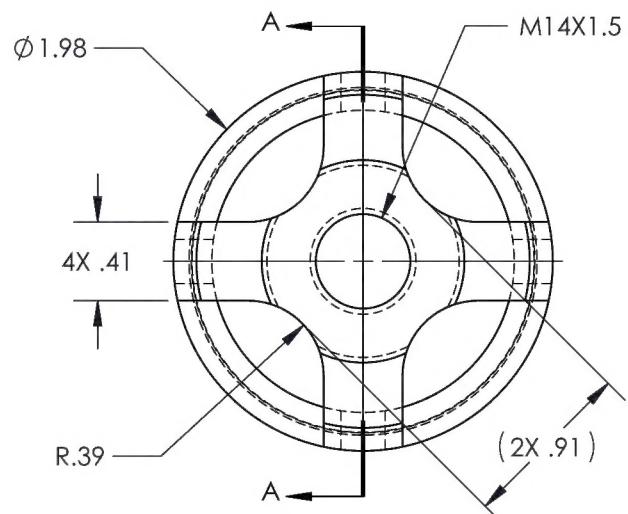
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REV ECR

REVISIONS

DESCRIPTION

DATE INITIAL APPROVED



NOTES:

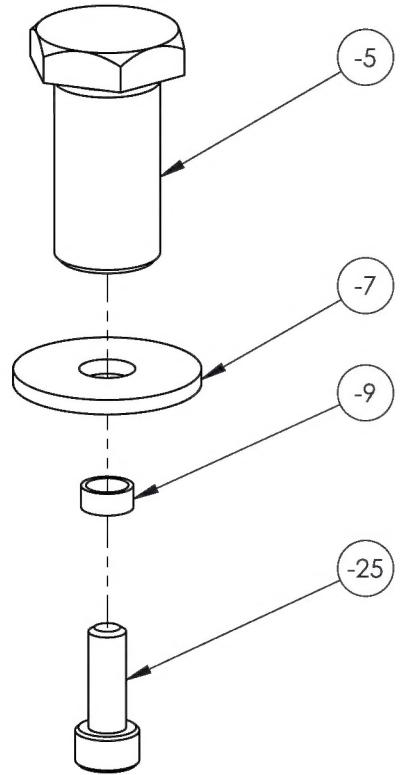
1. DUAL FINISH:
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.
2ND: POWDER COAT YELLOW, FED #13538.

2. NO POWDER COAT THIS SURFACE.

DART AEROSPACE	
TITLE	
COOLING COMPRESSOR PULLEY SEAL EXCHANGE	
DWG NO. RBEM632V3016102-1 REV 1	
MAT'L 4140/4142 UNLESS OTHERWISE SPECIFIED HEAT DIMENSIONS ARE IN INCHES TREAT FRACTIONS $\pm \frac{1}{8}$ FINISH ANGLES $\pm 5^\circ$ SEE NOTE 1 SURFACES = 125 SPEC	
.XXX $\pm .005$.XX $\pm .01$ X $\pm .1$	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: DUERFELDT	USED ON MODEL
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	H175
SCALE 1:1	DATE 4/4/2016
SHEET 2 OF 13	

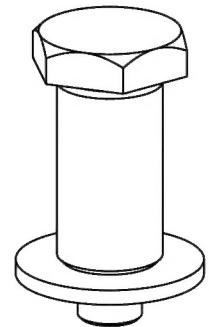
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(-3)

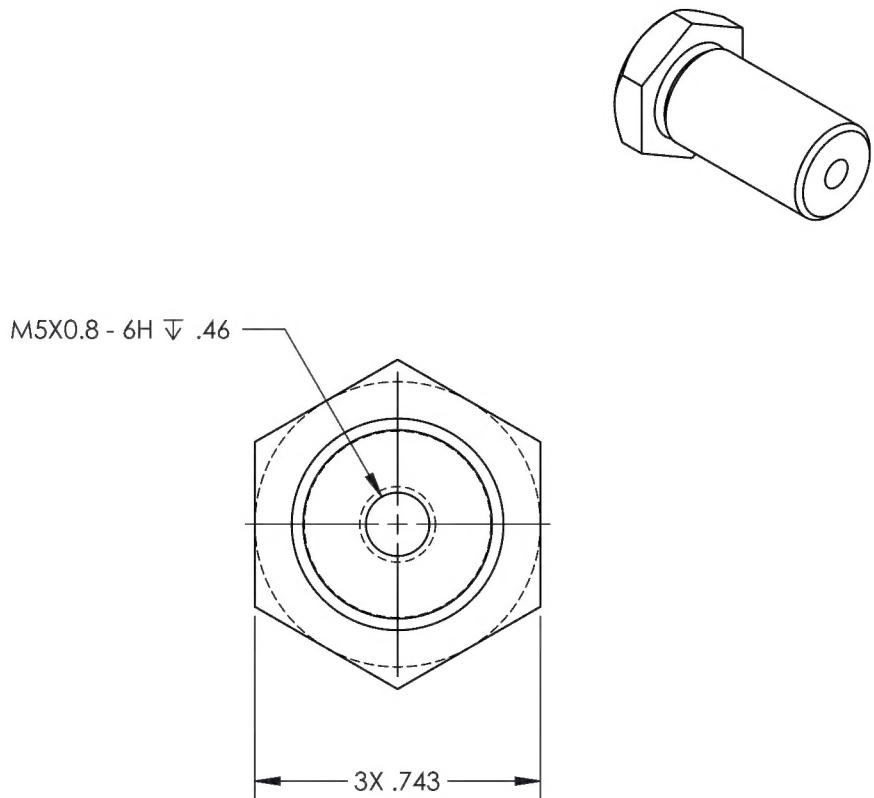
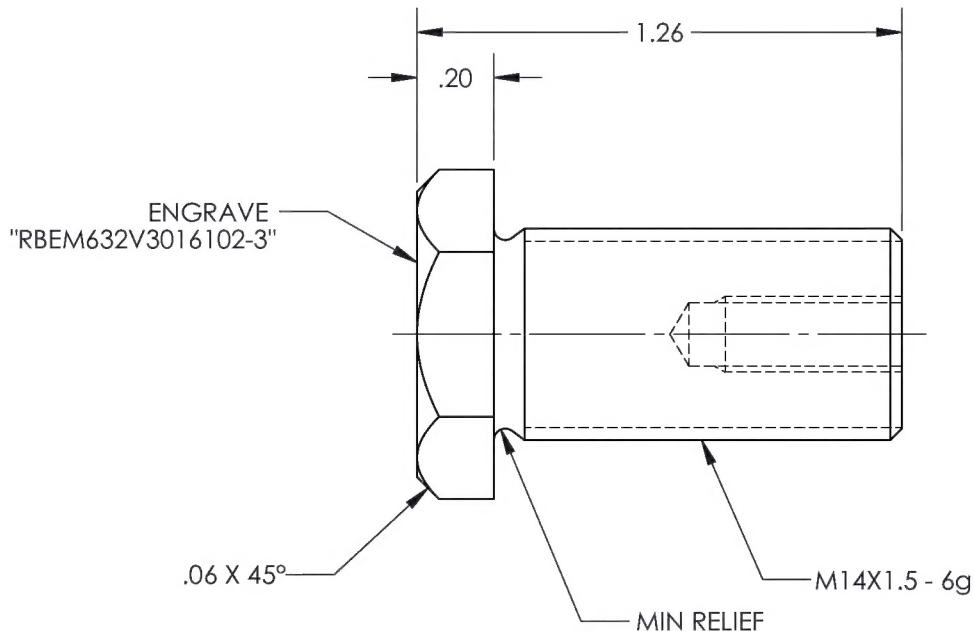
PUSHER ASSEMBLY



	
TITLE	COOLING COMPRESSOR PULLEY SEAL EXCHANGE
DWG NO.	RBEM632V3016102-3
REV	1
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .005 FRACTIONS ± 1/8
TREAT	.XX ± .01 ANGLES ± 5°
FINISH	X ± .1 SURFACES = 125
SPEC	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:1
DATE	4/4/2016
SHEET 3 OF 13	

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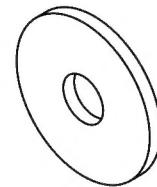
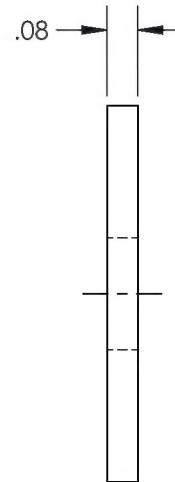
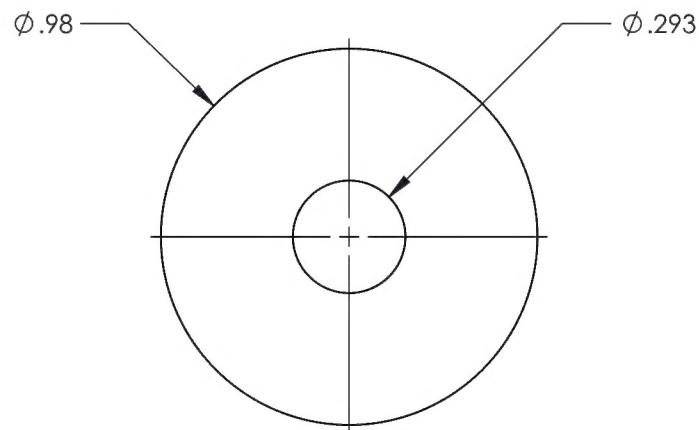
(5)

AXLE

DART AEROSPACE	
TITLE	
COOLING COMPRESSOR PULLEY SEAL EXCHANGE	
DWG NO.	
RBEM632V3016102-5	
REV 1	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES HEAT .XXX ± .005 FRACTIONS ± 1/8 TREAT .XX ± .01 ANGLES ± 5° FINISH ZINC PLATE .X ± .1 SURFACES = 125 ✓ SPEC ASTM B633 TYPE I SC 2 DRAWN BY: DUERFELDT CHECKED: CLOUGH OPPS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT USED ON MODEL H175	
SCALE	2:1
DATE	4/4/2016
SHEET 4 OF 13	

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				DESCRIPTION		DATE
				INITIAL	APPROVED	



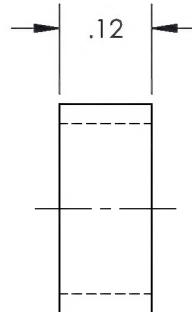
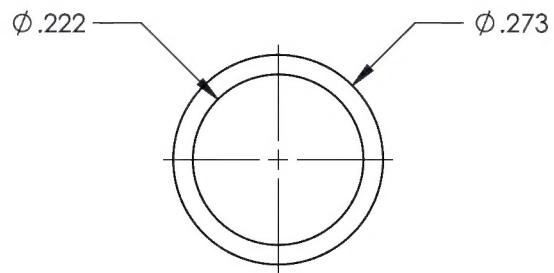
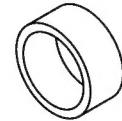
(-7)

PUSHER PLATE

TITLE		DART AEROSPACE	
COOLING COMPRESSOR PULLEY SEAL EXCHANGE			
DWG NO.		RBEM632V3016102-7	
REV		1	
MAT'L 6061		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT		.XXX ± .005 FRACTIONS ± 1/8	
TREAT		.XX ± .01 ANGLES ± 5°	
FINISH CLEAR ANODIZE		X ± .1 SURFACES = 125	
SPEC MIL-A-8625F, TYPE II, CLASS I		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY: DUERFELDT		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED: CLOUGH		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR: ANDERSON		USED ON MODEL	
QA APPR: LINDSAY		H175	
APPROVED: GILBERT			
SCALE 2:1		DATE 4/4/2016	
		SHEET 5 OF 13	

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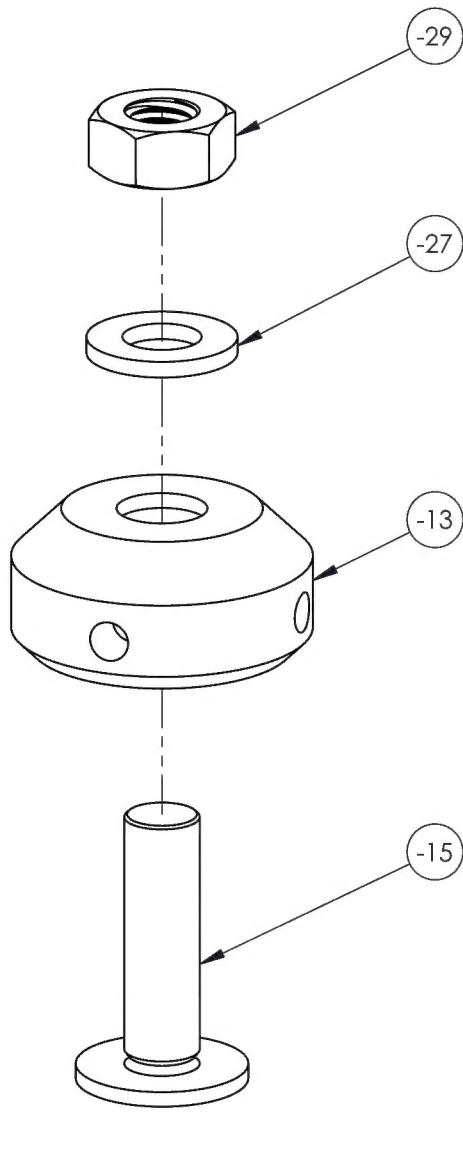
(-9)

SPACER

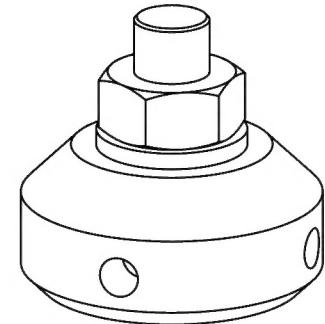
DART AEROSPACE	
TITLE	
COOLING COMPRESSOR PULLEY SEAL EXCHANGE	
DWG NO.	RBEM632V3016102-9
REV	1
UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005 FRACTIONS ± 1/8	
.XX ± .01 ANGLES ± 5°	
X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL	
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	4:1
DATE	4/4/2016
SHEET 6 OF 13	

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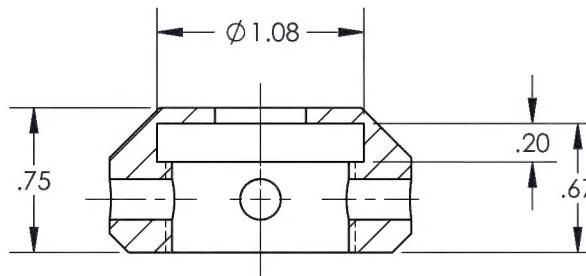
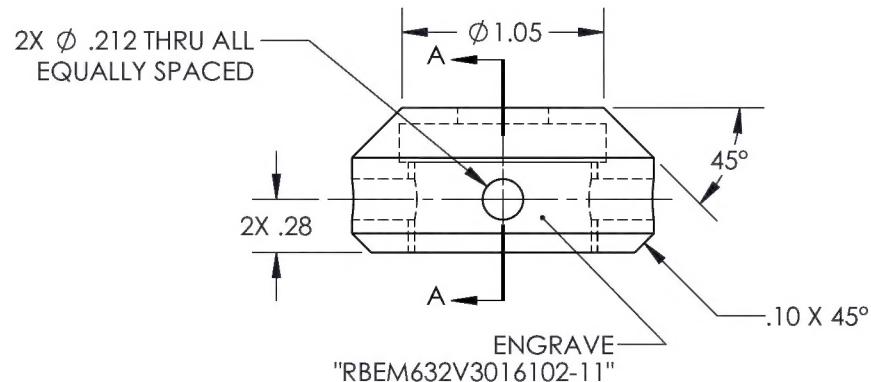
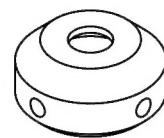
PULLER ASSEMBLY



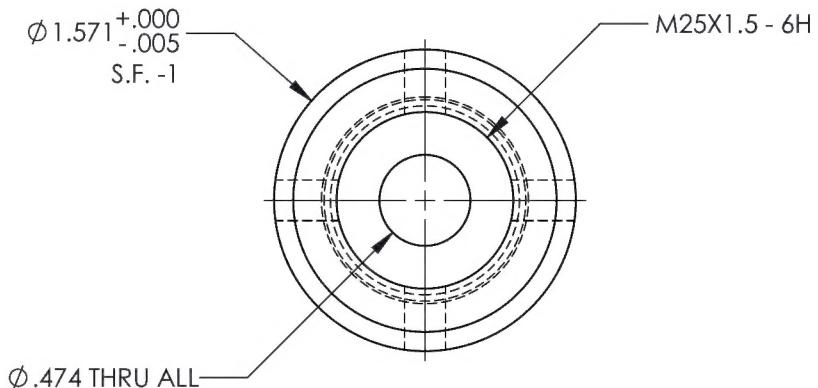
			
TITLE COOLING COMPRESSOR PULLEY SEAL EXCHANGE			
DWG NO. RBEM632V3016102-11			REV 1
MAT'L HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .005 FRACTIONS \pm 1/8 .XX \pm .01 ANGLES \pm .5° X \pm .1 SURFACES = 125	
DRAWN BY: DUERFELDT		1. BREAK ALL SHARP EDGES .015 \times 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE	1:1	DATE	4/4/2016
			SHEET 7 OF 13

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SECTION A-A



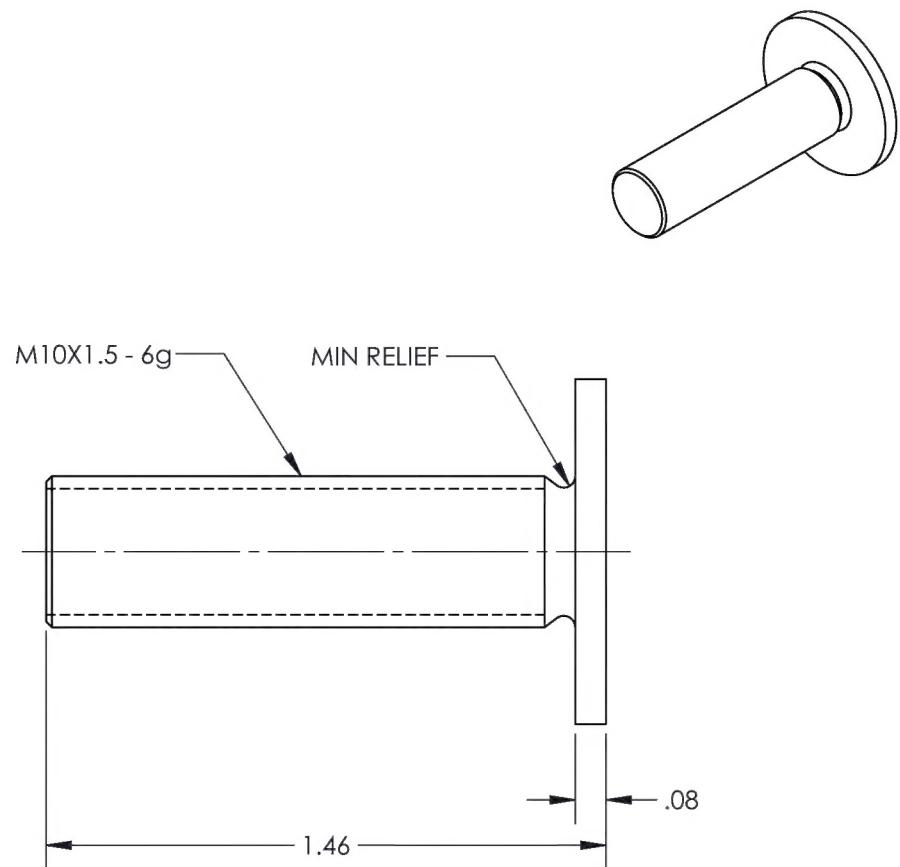
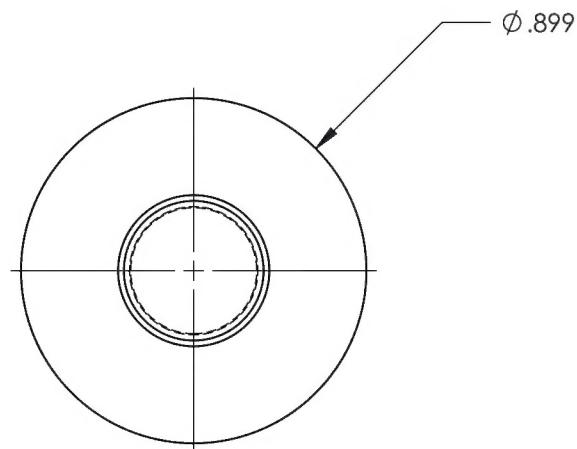
(-13)

SUPPORT RING

DART AEROSPACE	
TITLE	
COOLING COMPRESSOR PULLEY SEAL EXCHANGE	
DWG NO.	
RBEM632V3016102-13	
REV 1	
MAT'L 4140/4142	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT	
.XXX ± .005 FRACTIONS ± 1/8	
FINISH ZINC PLATE	
.XX ± .01 ANGLES ± 5°	
SPEC ASTM B633 TYPE I SC 2	
.X ± .1 SURFACES = 125 ✓	
DRAWN BY: DUERFELDT	
CHECKED: CLOUGH	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
H175	
SCALE	1:1
DATE	4/4/2016
SHEET 8 OF 13	

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				DESCRIPTION		DATE
				INITIAL	APPROVED	



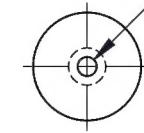
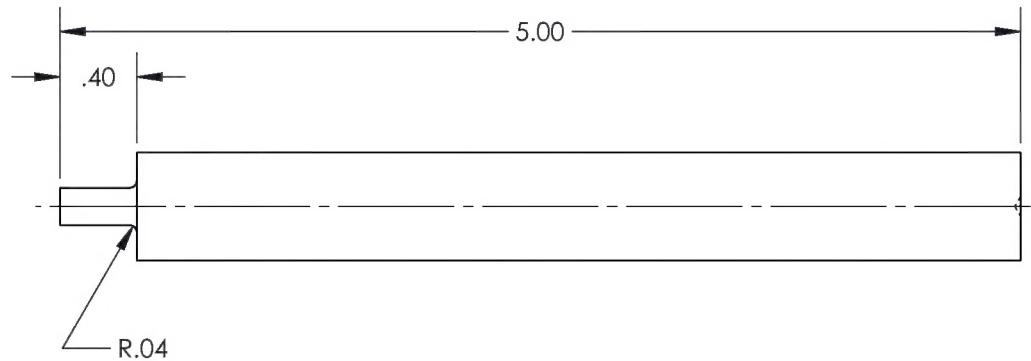
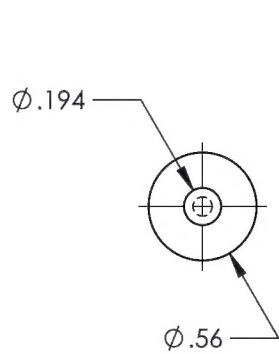
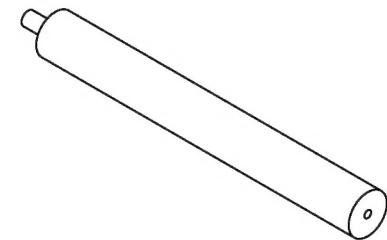
	
TITLE COOLING COMPRESSOR PULLEY SEAL EXCHANGE	
DWG NO.	RBEM632V3016102-15
REV	1
MAT'L	4140/4142
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	X ± .1 SURFACES = 125 ✓
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	2:1
DATE	4/4/2016
SHEET 9 OF 13	

(-15)

H SCREW

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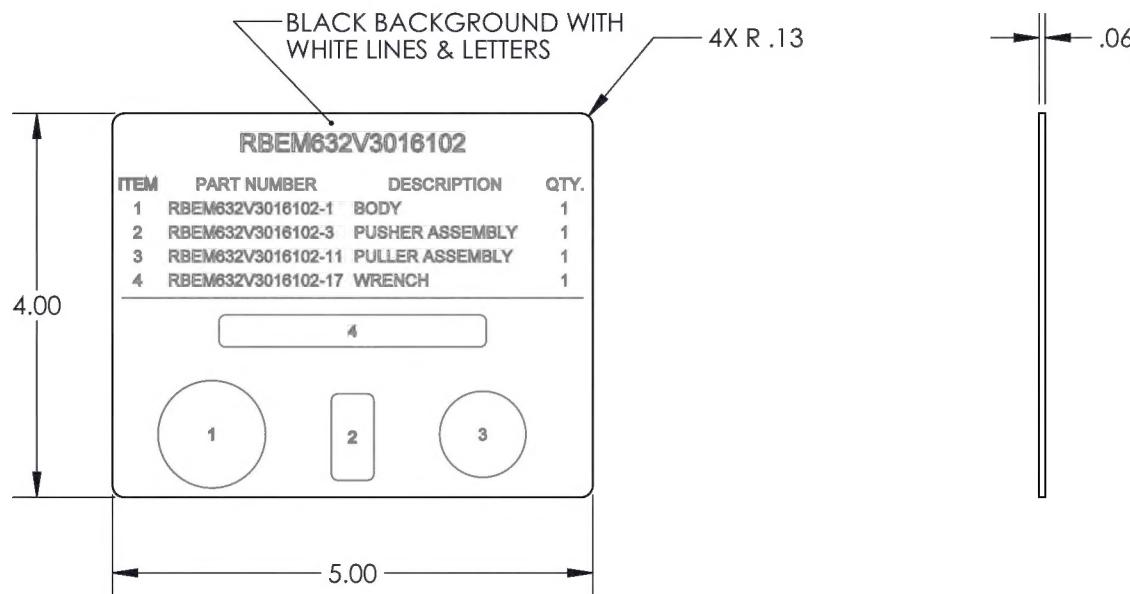
-17

WRENCH

		TITLE	
COOLING COMPRESSOR		PULLEY SEAL EXCHANGE	
DWG NO.		RBEM632V3016102-17	
MAT'L	4140/4142	UNLESS OTHERWISE SPECIFIED	
HEAT		DIMENSIONS ARE IN INCHES	
TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH	ZINC PLATE	.XX ± .01 ANGLES ± 5°	
SPEC	ASTM B633 TYPE I SC 2	X ± .1 SURFACES = 125 ✓	
DRAWN BY:	DUERFELDT	1. BREAK ALL SHARP EDGES	
CHECKED:	CLOUGH	.015 x 45° OR .015R	
OPPS APPR:	ANDERSON	2. DIMENSIONAL LIMITS APPLY	
QA APPR:	LINDSAY	AFTER PLATING	
APPROVED:	GILBERT	3. INTERPRET DIM AND TOL PER	
		ASME Y14.5M-2009	
SCALE	1:1	USED ON MODEL	
DATE	4/4/2016	SHEET	10 OF 13

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NOTE:
USE PDF.

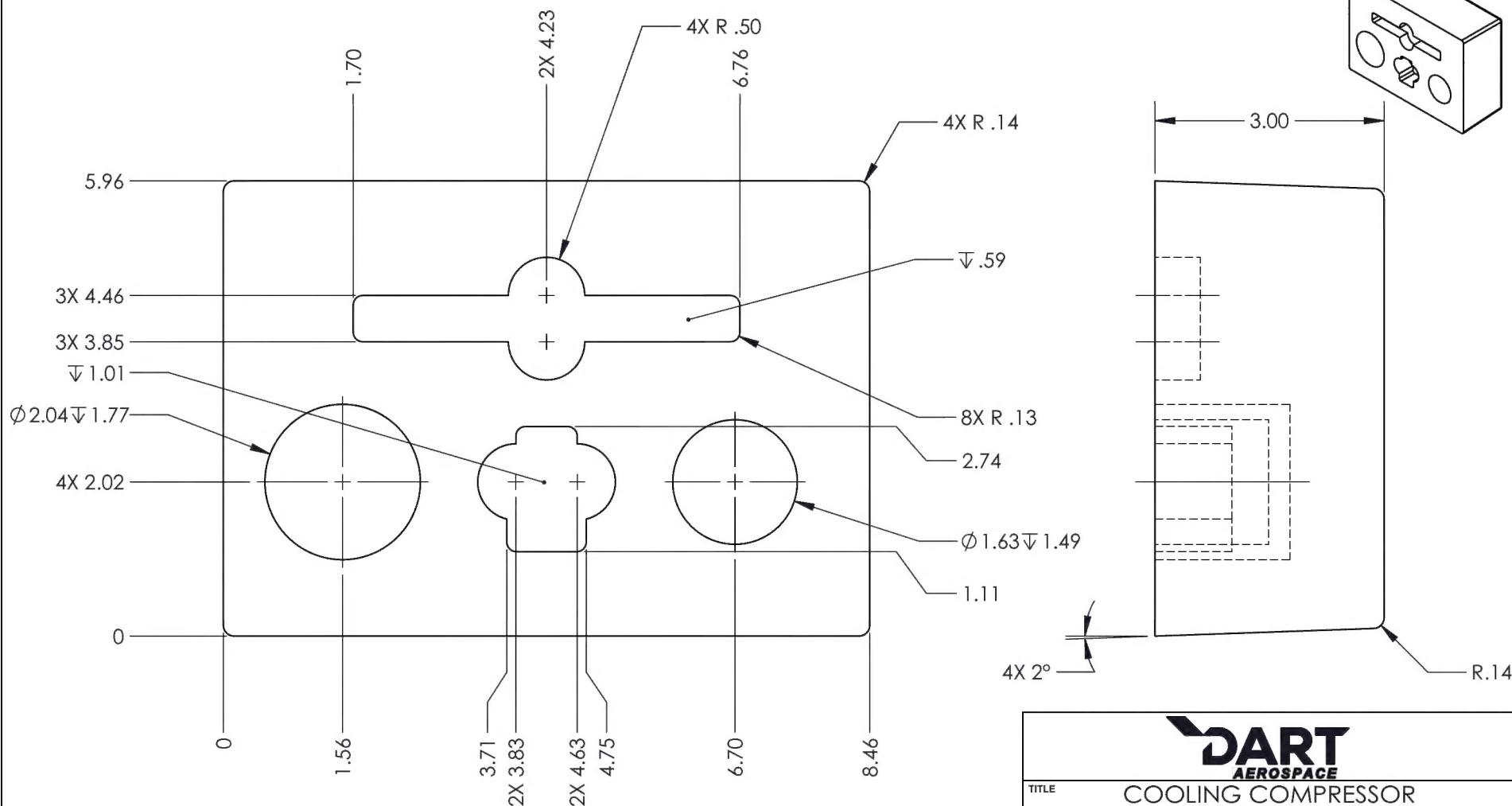
DART AEROSPACE	
TITLE	
COOLING COMPRESSOR PULLEY SEAL EXCHANGE	
DWG NO.	
RBEM632V3016102-19	
REV	1
MATERIAL PLASTIC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH	X ± .1 SURFACES = 125 ✓
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	
H175	
SCALE	1:2
DATE	4/4/2016
SHEET 11 OF 13	

(-19)

PLACARD

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



AEROS. A/C COOLING COMPRESSOR PULLEY SEAL EXCHANGE

RBEM632V3016102-21

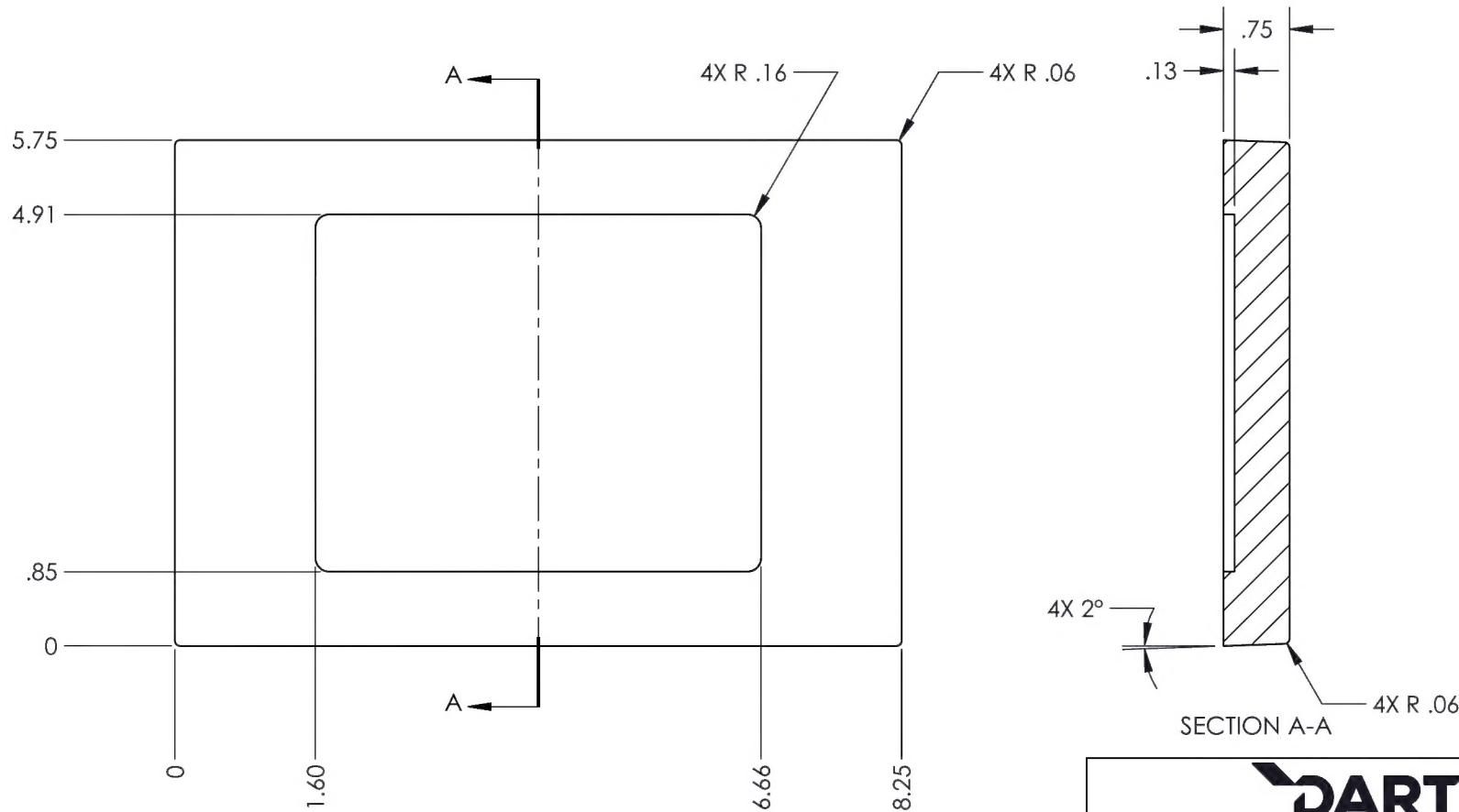
MAT'L Y20 BLACK		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
HEAT		XXX \pm .010 FRACTIONS \pm 1/8		
TREAT		XX \pm .03 ANGLES \pm 1°		
FINISH		X \pm .1 SURFACES = 125		
SPEC		1. BREAK ALL SHARP EDGES .015 X 45° OR .015R		
DRAWN BY:	DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
CHECKED:	CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
OPPS APPR:	ANDERSON			
QA APPR:	LINDSAY	USED ON MODEL		
APPROVED:	GILBERT	H175		
SCALE	1:2	DATE	4/4/2016	SHEET 12 OF 13

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BOTTOM FOAM

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		DESCRIPTION	DATE	INITIAL
		APPROVED		



DART AEROSPACE	
TITLE COOLING COMPRESSOR PULLEY SEAL EXCHANGE	
DWG NO.	RBEM632V3016102-23
REV	1
MAT'L	Y20 BLACK
HEAT	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
DRAWN BY:	DUERFELDT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
USED ON MODEL	H175
SCALE	1:2
DATE	4/4/2016
SHEET	13 OF 13

TOP FOAM

(-23)